



Dell XPS 10 Motherboard Replacement

This guide will accomplish replacing a faulty motherboard and get your device back to working condition.

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INTRODUCTION

If your motherboard is overheated or physically damaged, you should check that you have the tools listed and prepare to replace it in less than an hour. As the motherboard is the heart of the device so to speak it is fitting that it will require the most effort to replace. A hazard to note is when working with any sort of electrical connections (like those on a motherboard) do not use any metal tools because if you accidentally make a connection between components that are not meant to be connected you could short out the board essentially rendering it useless.



TOOLS:

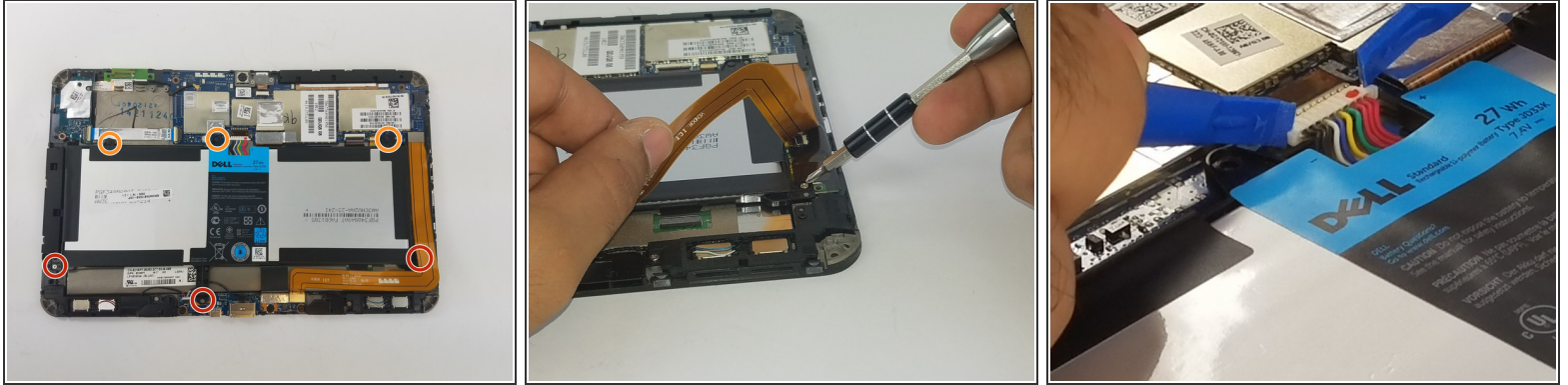
- [iFixit Opening Tools](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [Heavy-Duty Spudger](#) (1)
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Step 1 — Battery



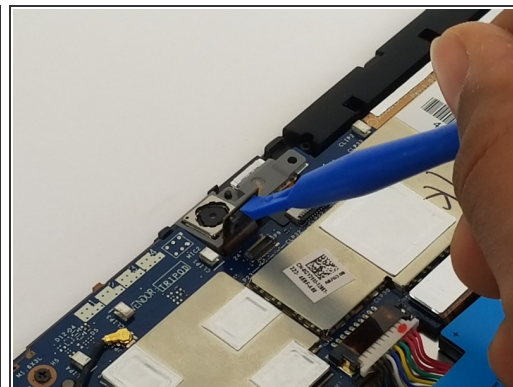
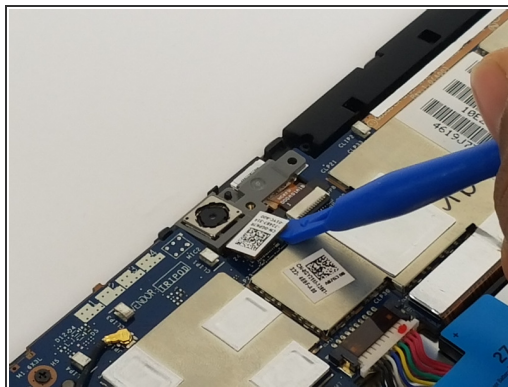
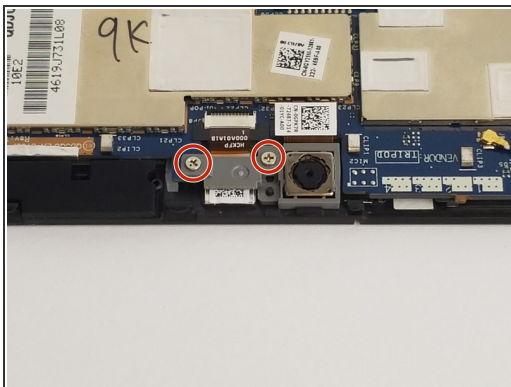
- Slide one of the plastic opening tools in the crack as shown in the first picture.
- Slide the other plastic opening tool facing the opposite way in the crack next to the first one and pry the back cover off a little bit at a time or slide them around the edge as necessary.
- Finally, slide the two plastic opening tools all around the case until it is open.

Step 2



- Unscrew the six screws shown in the picture with a phillips screwdriver size PH 0. Do not miss the screw under the gold/orange ribbon cable.
- ⓘ It is important to note that the three screws on the top portion of the battery are shorter and are black color coded while the three other screws towards the bottom of the battery are longer and are silver.
 - 4 mm screws
 - 3 mm screws
- Unplug the connector the connects the battery to the mother board.
- ⓘ Make sure to use a plastic opening tool instead of a metal spudger to avoid any unnecessary accidental shorting out of components.

Step 3 — Front and Rear Camera



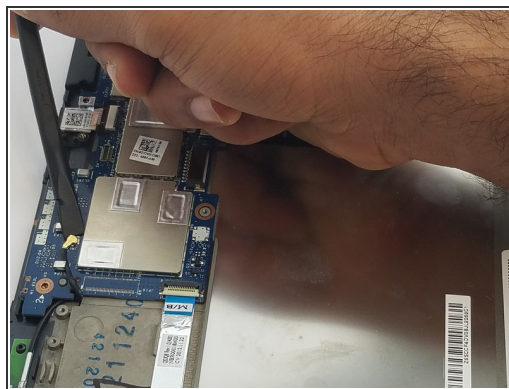
- Unscrew the two screws shown circled in red in the picture.
- 4 mm screws
- Lift up the plug that connects the camera to the motherboard using the plastic opening tool as shown in the pictures.

Step 4



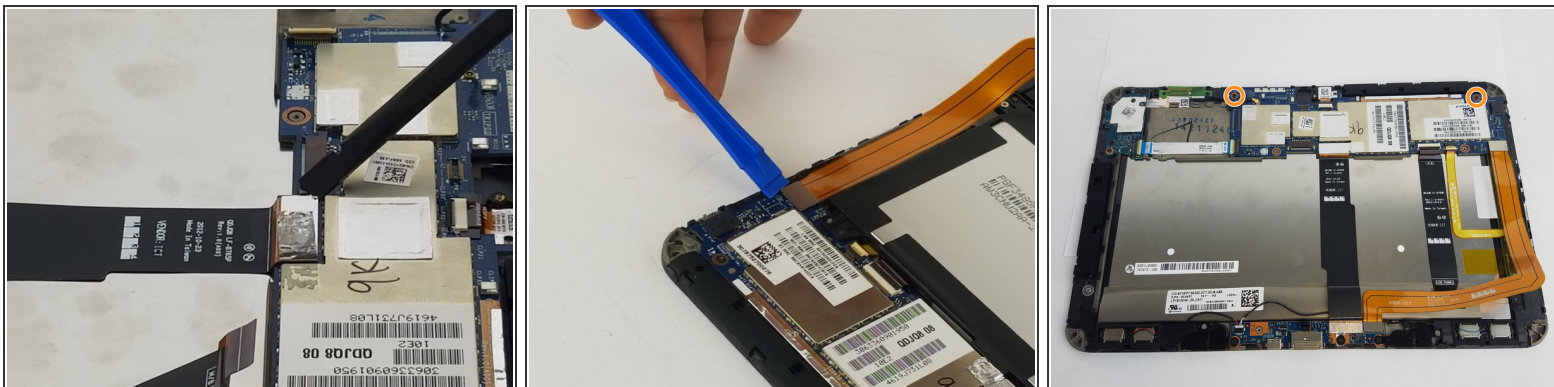
- ❗ After the rear facing camera is removed, you may now remove the front facing camera.
 - Use the plastic spudger to disconnect the cable pointed to by the yellow square from the motherboard.
- ❗ Make sure you use the black plastic spudger to pry up the aluminum tape holding the front facing camera. Be careful as the tape is fragile.

Step 5 — Motherboard



- Use the black spudger to remove all of the ribbon cables except for the wide orange cable.
- Use a blue plastic opening tool to remove the orange cable.

Step 6



- Continue to disconnect all of the ribbon cables from the motherboard.
- ⓘ When using the black spudger to remove the aluminum tape from the wide black cable be careful not to tear the tape as it is fragile.
- Do not forget to remove the two screws as they are the final step in removing the motherboard.
- 3 mm screws

To reassemble your device, follow these instructions in reverse order.

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